

AMENDMENTS TO THE SPECIFICATION:

Please amend page 5, lines 9-28 as follows:

using the primers identified as

s1 (SEQ ID NO. 1)

TTGCAGTTATGGTCAATACCC

as1 (SEQ ID NO. 2)

GTGCTCTCAGTATAAACAGGATAAG

s2 (SEQ ID NO. 3)

CCTCAAAAGGCTGCCACTTG

as2 (SEQ ID NO. 4)

CTGTGACACTGCTGGAAGTTCGC

s3 (SEQ ID NO. 5)

AGCACCTAGAACCAAATCCAGCAG

as3 (SEQ ID NO. 6)

TGGCATGGTTTGTCCAGGGC

s4 (SEQ ID NO. 7)

ACAAACCATGCCACCAAGCAGA

as4 (SEQ ID NO. 8)

GAGCACTCAGGCTGGATGAACAAG

s5 (SEQ ID NO. 9)

TTCCAGATGCTGATACTTTA

as5 (SEQ ID NO. 10)

CTGAATCATCTAATAGGTCC

for APC, the primers

s (SEQ ID NO. 11)

CTGGTGGAGTATTTGATAGTG

as (SEQ ID NO. 12)

TCTATTGTTGGATCATATTC

for K-ras, the primers

s (SEQ ID NO. 13)

CTGATTTGATGGAGTTGGAC

as (SEQ ID NO. 14)

CTTGAGTGAAGGACTGAGA
for β -catenin, and/or the primers
s (SEQ ID NO. 17)
TGTATCACCATCTCCATATC
as (SEQ ID NO. 18)
GCATTCTGATGACTTCTGGT

Please amend page 5, lines 34-35 as follows:

s2 (SEQ ID NO. 15):
GAATCAGCTCCATCCAAGT
as2 (SEQ ID NO. 16):
TTTCTGCTATTTGCAGGGT

Please amend page 12, lines 23-36 as follows:

s—CTGGTGGAGTATTTGATAGTG SEQ ID NO. 11
as—TCTATTGTTGGATCATATTCG SEQ ID NO. 12

β -catenin

s—CTGATTTGATGGAGTTGGAC SEQ ID NO. 13
as—CTTGAGTGAAGGACTGAGAA SEQ ID NO. 14

APC

s1—TTGCAGTTATGGTCAATACCC SEQ ID NO. 1
as1—GTGCTCTCAGTATAAACAGGATAAG SEQ ID NO. 2
s2—CCTCAAAAGGCTGCCACTTG SEQ ID NO. 3
as2—CTGTGACACTGCTGGAACTTCGC SEQ ID NO. 4
s3—AGCACCCCTAGAACCAAATCCAGCAG SEQ ID NO. 5
as3—TGGCATGGTTTGTCCAGGGC SEQ ID NO. 6

Please amend page 13, lines 1-11 as follows:

s4—ACAAACCATGCCACCAAGCAGA SEQ ID NO. 7
as4—GAGCACTCAGGCTGGATGAACAAG SEQ ID NO. 8
s5—TTCCAGATGCTGATACTTTA SEQ ID NO. 9

~~as5—CTGAATCATCTAATAGGTCC SEQ ID NO. 10~~

or alternatively:

~~s2—GAATCAGCTCCATCCAAGT SEQ ID NO. 15~~

~~as2—TTTCTGCTATTTGCAGGGT SEQ ID NO. 16~~

B-raf

~~s—TGTATCACCATCTCCATATC SEQ ID NO. 17~~

~~as—GCATTCTGATGACTTCTGGT SEQ ID NO. 18~~

Please amend page 16, lines 1-29 as follows:

the sequences

~~s—CTGGTGGAGTATTTGATAGTG, SEQ ID NO. 11~~

~~as—TCTATTGTTGGATCATATTCG SEQ ID NO. 12~~

being used for K-ras,

the sequences

~~s—CTGATTTGATGGAGTTGGAC, SEQ ID NO. 13~~

~~as—CTTGAGTGAAGGACTGAGAA SEQ ID NO. 14~~

being used for β -catenin,

the sequences

~~s1—TTGCAGTTATGGTCAATACCC, SEQ ID NO. 1~~

~~as—GTGCTCTCAGTATAAACAGGATAAG, SEQ ID NO. 2~~

~~s2—CCTCAAAAGGCTGCCACTTG, SEQ ID NO. 3~~

~~as2—CTGTGACAETGCTGGAAC TTCG, SEQ ID NO. 4~~

~~s3—AGCACCTAGAACCAATCCAGCAG, SEQ ID NO. 5~~

~~as3—TGGCATGGTTTGTCCAGGGC, SEQ ID NO. 6~~

~~s4—ACAAACCATGCCACCAAGCAGA, SEQ ID NO. 7~~

~~as4—GAGCACTCAGGCTGGATGAACAAG, SEQ ID NO. 8~~

~~s5—TTCCAGATGCTGATACTTTA, SEQ ID NO. 9~~

~~as5—CTGAATCATCTAATAGGTCC SEQ ID NO. 10~~

or alternatively,

~~s2—GAATCAGCTCCATCCAAGT, SEQ ID NO. 15~~

~~as2—TTTCTGCTATTTGCAGGGT, SEQ ID NO. 16~~

being used for APC,

and the sequences

s—TGTATCACCATCTCCATATC, SEQ ID NO. 17

as—GCATTCTGATGACTTCTGGT, SEQ ID NO. 18

being used for B-raf.

Please amend the table on page 17 as follows:

| Designation of gene | GeneBank (NIH, USA) Accession No. | Primer position |
|---------------------|--------------------------------------|--|
| APC | NM 000038 | s1 SEQ ID NO. 1: 3020-3040 as1 SEQ ID NO. 2: 3283-3259 |
| | | s2 SEQ ID NO. 3: 3765-3784 as2 SEQ ID NO. 4: 4022-4000 |
| | | s3 SEQ ID NO. 5: 4021-4045 as3 SEQ ID NO. 6: 4334-4315 |
| | | s4 SEQ ID NO. 7: 4322-4343 as4 SEQ ID NO. 8: 4563-4540 |
| | | s5 SEQ ID NO. 9: 4483-4502 as5 SEQ ID NO. 10: 4740-4721 |
| (alternatively) | | s2 SEQ ID NO. 3: 3722-3740 as2 SEQ ID NO. 6: 3957-3939 |
| β -Catenin | NM 001904 | s SEQ ID NO. 11: 228-247 as SEQ ID NO. 12: 443-424 |

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| K-ras | L 00045 | s SEQ ID NO. 11: 4-24 as SEQ ID NO. 12: 205-185 |
| B-raf | M 95712 | fw: 1671-1690 rev: 1924-1943 |

A Marked-up Copy of the Specification as well as a Substitute Specification are attached.